

< **Shenzhen Qianhai Linghangwan Technology Co., Ltd.** >**Modular Transmitter Approval Request**

Federal Communications Commission
 Equipment Authorization Branch
 7435 Oakland Mills Road
 Columbia, MD 21046

Company name: Shenzhen Qianhai Linghangwan Technology Co., Ltd.
FCC ID: 2BRTY-W11-V02

Gentlemen,

In accordance with 47CFR 15.212 Modular Transmitters and KDB 996369 D01 'Module Certification Guide v04r02'. FCC ID 2BRTY-W11-V02 has been examined against the following requirements.

Items to be covered by Single modular transmitters.

Requirement per 15.212 and KDB 996369 D01 'Modular Certification Guide v04r02	Y/N	Comments/ Explanation from Grantee (Explain why product complies/how it is achieved)
1. The radio elements must have the radio frequency circuitry shielded. Physical components and tuning capacitor(s) may be located external to the shield, but must be on the module assembly	Y	The RF circuit of the module is fully covered by metal shield. All related components and tuning capacitors are placed on the module assembly.
2. The module must have buffered modulation/data inputs to ensure that the device will comply with Part 15 requirements with any type of input signal	Y	The module firmware implements buffered modulation and data input, ensuring compliance with Part 15 for any input signal.
3. The module must contain power supply regulation on the module	Y	The module integrates built-in power supply regulation circuit to ensure stable operating voltage.
4. The module must contain a permanently attached antenna, or contain a unique antenna connector, and be marketed and operated only with specific antenna(s), per Sections 15.203, 15.204(b), 15.204(c), 15.212(a), 2.929(b)	Y	The module adopts a dedicated fixed antenna connector and is only used with specified qualified antenna in accordance with FCC 15.203 / 15.204 / 15.212 requirements.
5. The module must demonstrate compliance in a stand-alone configuration	Y	The module has been fully tested and complies with FCC requirements under standalone configuration.
6. The module must be labelled with its permanently affixed FCC ID label, or use an electronic display (See KDB Publication 784748 about labelling requirements)	Y	Permanent FCC ID label is affixed on the module; it also complies with electronic labeling rules per KDB 784748.
7. The module must comply with all specific rules applicable to the transmitter including all the conditions provided in the integration instructions by the grantee	Y	The module firmware restricts channels, power, modes and fully complies with all FCC rules and integration requirements.
8. The module must comply with RF exposure requirements	Y	The module meets all RF exposure SAR/MPE limits under normal installation and operating conditions.

Items to be covered by Split modular transmitters.

Requirement per 15.212 and KDB 996369 D01 'Modular Certification Guide v04r02	Y/N	Comments/ Explanation from Grantee (Explain why product complies/how it is achieved)
9. Split modular transmitters must meet all the requirements of a single modular in above item1 and 5 for single modular approval requirements.	N	This product is a single integrated module, not a split modular transmitter, this item is not applicable.
10. Only the radio front end must be shielded. The physical crystal and tuning capacitors may be located external to the shielded radio elements. The interface between the split sections of the modular system must be digital with a minimum signaling amplitude of 150 mV peak-to-peak.	N	Same as above, not a split module, not applicable.
11. Control information and other data may be exchanged between the transmitter control elements and radio front end.	N	Same as above, not a split module, not applicable.
12. The sections of a split modular transmitter must be tested installed in a host device(s) similar to that which is representative of the platform(s) intended for use.	N	Same as above, not a split module, not applicable.
13. Manufacturers must ensure that only transmitter control elements and radio front end components that have been approved together are capable of operating together. The transmitter module must not operate unless it has verified that the installed transmitter control elements and radio front end have been authorized together. Manufacturers may use means including, but not limited to, coding in hardware and electronic signatures in software to meet these requirements, and must describe the methods in their application for equipment authorization.	N	Same as above, not a split module, not applicable.

A limited modular approval (LMA) may be granted for single or split modular transmitters that comply partially with requirements above.

Name: Chaoqun Wu

Date: 2026.6.26

Title: Manager

Signature of applicant

Chaoqun Wu